Do Not Enter MB 1/2/06

CURRENT LISTING OF CLAIMS

We claim:

1. (canceled)

2. (previously amended) The method of Claim 10, wherein R^1 is a solid support.

3. (original) The method of Claim 2, wherein R^2 is a nitrogen protecting group.

4. (original) The method of Claim 2, wherein the reducing agent is selected from the group consisting of:
   CrX_2, wherein each X is independently halide, and
   a mixture of 1,1'-dialkyl-4,4'-bipyridinium dihalide and a thiosulfate compound.

5. (previously amended) The method of Claim 4, wherein the nitro reducing step (a) is done in the presence of a protic solvent.

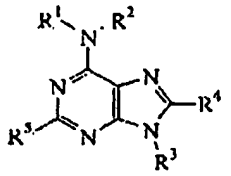
6. (previously amended) The method of Claim 4, wherein the 4,5,6-triaminopyrimidine produced in said step (a) contains less than 10 mole percent of inorganic salts.

7. (currently amended) The method of Claim 4, wherein more than 90 mole percent of the solid support-bound pyrimidine ring remains bound to the solid support during said nitro group reducing step [[(f)]] (e).

8. (original) The method of Claim 2 further comprising cleaving the substituted purine from the solid support to produce the purine compound where R^1 is hydrogen.

9. (currently amended) The method of Claim 10, wherein the cyclizing agent is an orthoester, ~~an~~ a carboxylic acid anhydride, an acyl halide, a mixture of isothiocyanate and an oxidizing agent, a mixture isocyanate and an oxidizing agent, or a mixture of an aldehyde and an oxidizing agent.

10. (currently amended) A method for producing a substituted purine compound of the formula:



wherein